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Patent

Our Case No. 2003 P 04569 US

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:	)	
Kahn et al.	)	
Serial No.:	)	Examiner: Not Yet Assigned
Not Yet Assigned	)	
Filed:	)	Group Art Unit: Not Yet Assigned
Herewith	)	
For:	)	
Method and System for	)	
Simultaneously Displaying	)	
Relationships of Measurements of	)	
Features Associated with a	)	
Medical Image	)	

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to the obligation under 37 C.F.R. § 1.56 and in conformance with 37 C.F.R. §§ 1.97-1.99, Applicants hereby submit documents A1-A22 listed on the attached form PTO-1449 for consideration by the Examiner. Copies of these documents are enclosed herewith.

Applicants request that the Examiner review the entire disclosure of these documents and make them of record. Document A16 is not in English. However, Applicants are submitting document A16 for the graph shown in Figure 7 on page 99.

Applicants also wish to note that one of the inventors spoke with a colleague, who informed him that off-line packages may exist to print-out multiple non-normalized plots of biometry measurements on one page.

The filing of this Information Disclosure Statement does not constitute an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b). Further, Applicants reserve the right to contest that any of the information submitted herewith is prior art against the present application.

Dated: June 23, 2003

Respectfully submitted,



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Attorney for Applicants

Siemens Corporation  
Attn: Elsa Keller, Legal Administrator  
Intellectual Property Department  
170 Wood Avenue South  
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FORM PTO-1449	SERIAL NO. Not Yet Assigned	CASE NO. 2003 P04569 US
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	FILING DATE Herewith	GROUP ART UNIT Not Yet Assigned
(use several sheets if necessary)	APPLICANT(S): Kahn	

**REFERENCE DESIGNATION U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER <small>Number-Kind Code (if known)</small>	DATE	NAME	CLASS/ SUBCLASS	FILING DATE
	A1	6,213,945	4/10/2001	Tynan	

**FOREIGN PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER <small>Number-Kind Code (if known)</small>	DATE	COUNTRY	CLASS/ SUBCLASS	TRANSLATION YES OR NO

EXAMINER INITIAL	OTHER ART – NON PATENT LITERATURE DOCUMENTS <small>(Include name of author, title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date page(s), volume-issue number(s), publisher, city and/or country where published.</small>	
	A2	Hadlock, F. et. al., "Fetal Crown-Rump Length: Reevaluation of Relation to Menstrual Age (5-18 weeks) with High-Resolution Real-Time US," Radiology, vol. 182, no. 2, pages 501-505, February 1992.
	A3	"Ultrasound Online CME Courses – Fetal Intrauterine Growth Restriction (IUGR)," <a href="http://www.gemedicalsystems.com/inen/rad/us/education/msucmeiu.html">www.gemedicalsystems.com/inen/rad/us/education/msucmeiu.html</a> , 10 pages (printed 5/27/2003).
	A4	"Estimation of Fetal Weight," <a href="http://www.emedicine.com/med/topic3281.htm">www.emedicine.com/med/topic3281.htm</a> , 24 pages (July 11, 2002).
	A5	"About the Gestational Age Calculator," <a href="http://www.med.upenn.edu/fetus/calinfo.html">www.med.upenn.edu/fetus/calinfo.html</a> , 1 page (1988).
	A6	"OB-Gyn Ultrasound FAQ's," <a href="http://www.womensclinicseattle.com/ultrasound.htm">www.womensclinicseattle.com/ultrasound.htm</a> , 4 pages (printed 5/27/2003).
	A7	Hadlock, F. et. al., "Estimating Fetal Age: Computer-Assisted Analysis of Multiple Fetal Growth Parameters", Radiology, vol 152, no. 2, pages 497-501, August 1984.
	A8	Chitty, L. et. al., "Charts of fetal size: 2. Head measurements", British Journal of Obstetrics and Gynaecology, vol 101, pp 35-43, January 1994.
	A9	Chitty, et. al., "Charts of fetal size: 3. Abdominal measurements", British Journal of Obstetrics and Gynaecology, vol. 101, pp.1-7, February 1994.
	A10	Chitty, et. al., "Charts of fetal size: 4. Femur length", British Journal of Obstetrics and Gynaecology, vol. 101, pp.132-135, February 1994.
	A11	Hellman, L., et. al., "Growth and development of the human fetus prior to the twentieth week of gestation", Am. J. Obst. & Gynec., Volume 103, no. 6, pp. 789-800, March 15, 1969.
	A12	Goldstein, I., et. al., "Cerebellar measurements with ultrasonography in the evaluation of fetal growth and development", Am. J. Obst & Gynec., Volume 156, No. 5, pp 1065-1069, May 1987.

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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(use several sheets if necessary)	APPLICANT(S): Kahn	

EXAMINER INITIAL	OTHER ART – NON PATENT LITERATURE DOCUMENTS (Include name of author, title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date page(s), volume-issue number(s), publisher, city and/or country where published.	
	A13	Hata, T. and R. Deter, "A Review of Fetal Organ Measurements Obtained with Ultrasound: Normal Growth", J. Clin. Ultrasound 210:155-174, March/April 1992.
	A14	Jeanty, P. et. al., "Estimation of Gestational Age from Measurements of Fetal Long Bones", Journal of Ultrasound in Medicine, Volume 3, pp. 75-83, February 1984.
	A15	Gardner et al., "Synchronization of Contrast Agent Destruction and Imaging for Perfusion Assessment," 2000 IEEE Ultrasonics Symposium, pages 1911 and 1914 (2000).
	A16	Fernandez et al., "Practica de la Ecocardiografia de Contraste," Cuantificacion de la Perfusion Miocardica Mediante Ecocardiografia de Contraste: Bases Metodologicas, pages 98-99 (1999).
	A17	"HDI 3000 Ultrasound System Reference Manual," pages 13-91 and 13-92 (1997).
	A18	"Sequoia Ultrasound System User Manual," Document No. 58092, Rev. 1, pages 115-119 (1999).
	A19	"Formulas and Calculations," <a href="http://www.echobyweb.com/htm_level2_eng/formulas&amp;calculations.htm">http://www.echobyweb.com/htm_level2_eng/formulas&amp;calculations.htm</a> , 4 pages (printed 6/6/03).
	A20	Shinozuka et al., "Formulas for Fetal Weight Estimation by Ultrasound Measurements Based on Neonatal Specific Gravities and Volumes," American Journal of Obstetrics and Gynecology, pages 1140-1145 (1987).
	A21	Wei et al, "Basis for Detection of Stenosis Using Venous Administration of Microbubbles during Myocardial Contrast Echocardiography: Bolus or Continuous Infusion," Am Coll Cardiol 32:252-60 (1998).
	A22	Linka et al., "Assessment of Transmural Distribution of Myocardial Perfusion with Contrast Echocardiography," Circulation 98: 1912-1920 (1998).

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